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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,474	07/11/2003	Nobukazu Kurauchi	72478-9500	5306

21611 7590 05/04/2010  
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EXAMINER
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LEIJA, JAMES

ART UNIT	PAPER NUMBER
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2423

MAIL DATE	DELIVERY MODE
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05/04/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

**Application No.**

10/618,474

**Examiner**

JAMES LEIJA

**Applicant(s)**

KURAUCHI, NOBUKAZU

**Art Unit**

2423

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/02/2010.
2. ☒ The allowed claim(s) is/are 1-7,9-11,13 and 16-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Andrew Y Koenig/  
Supervisory Patent Examiner, Art Unit 2423

## DETAILED ACTION

### *Information Disclosure Statement*

Information disclosure statement (IDS) submitted on 09/18/2008 has been considered by the examiner.

### *Allowable Subject Matter*

Claims 1-7, 9-11, 13 and 16-22 are allowed.

The following notice of allowance is in response to the Supplemental Amendment received on 02/02/2010

The following is a statement of reasons for the indication of allowable subject matter: Regarding independent claims 1, 2, 10, 11, 13, 16 and 17, prior art of record fails to show or reasonably suggest:

Checking individual frames to determine if respective reference frames been transmitted for each of the individual frames, and when the respective reference frames have not been transmitted, transmit for each of those respective reference frames a substitute I frame, which occurs within the transmission unit/step of a video distribution system. Which is captured in the claims as:

“.. the transmission unit **checks each of a plurality of frames to determine whether a reference frame for each of the plurality of frames to be transmitted** after resuming transmission of the video data **has been transmitted or not**, and if the reference frame has not been transmitted, **transmits the substitute I frame data to the reception terminal for each of the plurality of frames for which the reference frame has not been transmitted** before resuming transmission of the video data.

In consideration with the claims taken as a whole.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES LEIJA whose telephone number is (571)270-5249. The examiner can normally be reached on M-F 730 am to 5pm est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANDREW Y. KOENIG can be reached on (571) 272-7296. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. L./  
Examiner, Art Unit 2423

/Andrew Y Koenig/  
Supervisory Patent Examiner, Art Unit 2423